

Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
10/28/2013 To 10/28/2014

HMS

mmB

Instrument Serial Number:	010552	As of 28-Oct-14
---------------------------	--------	-----------------

Maintenance	Certification	Technician	
Date	Date	Initials	Remarks
28-Oct-14	02-Jul-14	HMS (18910)	REPLACED DRY GAS STANDARD.
02-Jul-14	02-Jul-14	TLN (25387)	CERTIFIED.
14-Jan-14	14-Jan-14	DBH (21250)	CERTIFIED.

INTOX EC/IR II
Quality Assurance Worksheet

Ames
mmB

Instrument Serial Number 010552 Worksheet Start Date 10/28/2014
Location Newport News Pentran
Address 150 35th St., Newport News, VA 23607
DFS Technician Heather Stanton License No. 18910

☐ Laboratory

☒ On-Site

Site Specification: No detrimental environmental conditions exist. ☒

Instrument Barometer (mm HG) 762 Reference Barometer (mm HG) 765
Reference Barometer(RB)Serial # 009113 RB Calibration Due 4/28/2015

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.303
0.300	0.301	0.291	0.310	Sample 2	0.302
Precision		sample min	sample max	Sample 3	0.302
0.001		0.302	0.303		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.100
0.100	0.100	0.097	0.103	Sample 2	0.100
Precision		sample min	sample max	Sample 3	0.100
0		0.100	0.100		

Dry gas standard Lot No. (with tank no.) AG425201-21

☒ Replaced dry gas standard (+O-ring)

☐ Installed at Location

☐ Removed to DFS-Central

Supplies
Mouthpieces
Certificates of Analysis
Operator Worksheet
Other:



Notes:

Instrument Serial Number

010552

Certification Date

☐ Calibrated☐ Certified☒ Measurement Assurance Check☒ Instrument Test☐ Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.250		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.150		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.080		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.020		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

All measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

DFS Technician

Heath W. Starch

Date

10/28/14

Issuing Analyst

Michelle Bell

Date

10/29/14

JPD

AMS
mmB

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010552 Test Number: 530

Test Date: 10/28/2014 Test Time: 09:41 EDT

Dry Gas Target: 0.301

Lot Number: AG421201-04 Exp Date: 07/31/2016

Tank Pressure: 281 psi Barometric Pressure: 762 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	09:42
CHK	0.303	09:42
BLK	0.000	09:44
CHK	0.302	09:45
BLK	0.000	09:46
CHK	0.302	09:47

Test Status: *Success*

Calibration CRC: 43BC7722

HMS
mmb

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010552 Test Number: 531

Test Date: 10/28/2014 Test Time: 09:51 EDT

Dry Gas Target: 0.100

Lot Number: AG425201-21 Exp Date: 09/09/2016

Tank Pressure: 1120 psi Barometric Pressure: 762 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	09:51
CHK	0.100	09:52
BLK	0.000	09:54
CHK	0.100	09:54
BLK	0.000	09:56
CHK	0.100	09:57

Test Status: *Success*

Calibration CRC: 43BC7722

WMS
mmB




COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

NAME OF ACCUSED INSTRUMENT, TEST,	NAME OF COURT DFS
---	-----------------------------

BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY STANTON, HEATHER, M		AGENCY DFS Central Lab
DFS LICENSE NUMBER 18910	LICENSE EXPIRES 10/01/2016	DATE TEST CONDUCTED 10/28/2014
TEST EQUIPMENT NUMBER 010552		

RESULTS: TIME SAMPLE TAKEN 10:04 EDT
0.00
SAMPLE'S ALCOHOL CONTENT _____ GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20_____.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____
SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____
OPERATOR'S SIGNATURE



IntoxNet MIS Report

Report Generated 28 Oct 2014 at 12:58

Handwritten: LMS
mmB

Test Results

Instrument Serial Number 010552

Test # 000532 **Subject Test**

Test Location 1 Department of
 Test Date 28 Oct 2014

Test Location 2 Forensic Science
 Test Time 09:58
 Remote/Local Local

Test Location 3
 System Check Passed

Operator's Last Name STANTON
 Agency DFS Central Lab

Operator's First Name HEATHER

Operator's Middle Initial IV
 License Number 18910

Card Serial Number 118910

Effective Date 10/01/2014

Expiration Date 10/01/2016

Subject's Last Name INSTRUMENT

Subject's First Name TEST

Subject's Middle Initial

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Number

Driver's License Expiration 00/00/0000

Driver's License State

Court Name DFS

End Date 28 Oct 2014 **End Time** 10:05

Result Time 10:04

Result Date 28 Oct 2014 **Result** 0.00

Data Type DIAG

Sample Value Pass

Sample Time 09:58

Data Type BLK

Sample Value 0.000

Sample Time 09:59

Data Type CHK

Sample Value 0.100

Sample Time 10:00

Data Type BLK

Sample Value 0.000

Sample Time 10:01

Data Type SUBJ

Sample Value 0.000

Sample Time 10:02

Data Type BLK

Sample Value 0.000

Sample Time 10:03

Data Type SUBJ

Sample Value 0.000

Sample Time 10:04

Data Type BLK

Sample Value 0.000

Sample Time 10:05

Standard Type Dry Gas Std

Standard Value 0.100

Standard Lot Number AG425201-21

Standard Expiration Date 09/09/2016

Tank Pressure 1120

Barometric Pressure 762 mmHg

Blow Sample Number 1 **Blow Duration** 3.47 sec

Blow Volume 1751 cc **End-of-Blow Time** 10:02

Blow Sample Number 2 **Blow Duration** 3.60 sec

Blow Volume 1795 cc **End-of-Blow Time** 10:04

Tamper Evident Stamp 158204b7

Test Status Code 0

Test Status Success